

# MATERIAL SAFETY DATA SHEET

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MSDS # 127469001

## WINDEX® - VINEGAR GLASS CLEANER

Date Issued: 22Oct2003

Supersedes: New

### US MANUFACTURER:

S.C. Johnson & Son, Inc.  
Phone: (800) 725-6737  
Racine, Wisconsin 53403-2236  
Emergency Phone: (888) 779-7920  
International Emergency Phone:  
(262) 886-1480

### CANADIAN MANUFACTURER:

S.C. Johnson and Son, Limited  
Phone: (800) 725-6737  
1 Webster Street  
Brantford, Ontario N3T 5R1  
Transportation Emergency:  
CANUTEC (collect) (613) 996-6666  
Poison Control: (888) 779-7920

HAZARD RATING	HMIS	HAZARD	NFPA	DISTRIBUTED IN CANADA BY:
4-Very High	0	Health	0	S.C. Johnson and Son, Limited
3-High	2	Flammability	2	Phone: (800) 725-6737
2-Moderate	0	Reactivity	0	1 Webster Street
1-Slight		Special		Brantford, Ontario N3T 5R1
0-Insignificant				

### SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME..... WINDEX® - VINEGAR GLASS CLEANER  
REASON FOR CHANGE..... New.  
PRODUCT USE..... Household: Cleaning product

### SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
Ethylene glycol n-hexyl ether (CAS# 112-25-4)	0.1-1.0	20 ppm TWA (SUPPLIER RECOMMENDED)
Isopropanol (CAS# 67-63-0)	3-7	400 ppm OSHA/ACGIH TWA , 500 ppm OSHA/ACGIH STEL
Water (CAS# 7732-18-5)	60-100	NOT ESTABLISHED

### SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11)

ROUTE(S) OF ENTRY..... Eye contact. Skin contact.  
EFFECTS OF ACUTE EXPOSURE:  
EYE..... None known.  
SKIN..... None known.  
INHALATION..... None known.  
INGESTION..... None known.  
MEDICAL CONDITIONS..... None known.  
GENERALLY RECOGNIZED  
AS BEING AGGRAVATED  
BY EXPOSURE

### SECTION 4 - FIRST AID MEASURES

EYE CONTACT..... Rinse with plenty of water.  
SKIN CONTACT..... No special requirements.  
INHALATION..... No special requirements.  
INGESTION..... Immediately drink 1-2 glasses of water or milk. Do not induce vomiting! Seek immediate medical attention.

### SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT..... 124°F (51°C) (TCC) Although this product has a flash point below 200°F, it is an aqueous solution containing an alcohol and does not sustain combustion.

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### SECTION 5 - FIRE AND EXPLOSION INFORMATION (continued)

FLAMMABLE LIMITS..... Not available.  
AUTOIGNITION..... Not available.  
TEMPERATURE  
EXTINGUISHING MEDIA.... Foam. CO2. Dry chemical. Water fog.  
SPECIAL FIREFIGHTING... Normal fire fighting procedure may be used. Fire fighters should  
PROCEDURES wear self-contained breathing apparatus and protective clothing.  
UNUSUAL FIRE AND..... Container may burst in heat of fire.  
EXPLOSION HAZARDS

### SECTION 6 - PREVENTIVE RELEASE MEASURES

STEPS TO BE TAKEN IN... Wipe up spill with cloth and dispose of properly.  
CASE MATERIAL IS  
RELEASED OR SPILLED

### SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY..... Avoid prolonged or repeated breathing of vapours. Keep away from  
INFORMATION sources of ignition.  
OTHER HANDLING AND.... Keep container well closed when not in use. Observe good  
STORAGE CONDITIONS personal hygiene practices.

### SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION. No special requirements under normal use conditions.  
VENTILATION..... No special requirements.  
PROTECTIVE GLOVES..... No special requirements under normal use conditions.  
EYE PROTECTION..... No special requirements under normal use conditions.  
OTHER PROTECTIVE..... No special requirements.  
MEASURES

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR..... Clear  
PRODUCT STATE..... Liquid.  
ODOR..... Fragrant  
pH..... 9.5-10.5  
ODOR THRESHOLD..... Not available.  
SOLUBILITY IN WATER.... Complete  
SPECIFIC GRAVITY..... ~ 1.00  
(H2O=1)  
VAPOR DENSITY (AIR=1).. Same as water.  
EVAPORATION RATE (BUTYL ACETATE=1) Not available.  
VAPOR PRESSURE (mm HG). Same as water.  
BOILING POINT..... Not available.  
FREEZING POINT..... Not available.  
COEFFICIENT OF..... Not available.  
WATER/OIL  
PERCENT VOLATILE BY.... > 95  
VOLUME (%)  
VOLATILE ORGANIC..... 3.95-4.05 Glycol Ether. Isopropanol.  
COMPOUND (VOC)  
THEORETICAL VOC..... 0.31-0.33 lb/gal  
(LB/GAL)

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### SECTION 10 - STABILITY AND REACTIVITY

STABILITY..... Stable  
STABILITY - CONDITIONS. No special requirements.  
TO AVOID  
INCOMPATIBILITY..... None known.  
HAZARDOUS DECOMPOSITION. When exposed to fire: Produces normal products of combustion.  
PRODUCTS  
HAZARDOUS..... Will not occur.  
POLYMERIZATION  
HAZARDOUS..... Not applicable.  
POLYMERIZATION -  
CONDITIONS TO AVOID

### SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3)

LD50 (ACUTE ORAL TOX).. Estimated to be greater than 5000 mg/kg (rats).  
LD50 (ACUTE DERMAL TOX) Not available.  
LC50 (ACUTE INHALATION. Not applicable.  
TOX)  
EFFECTS OF CHRONIC..... None known.  
EXPOSURE  
SENSITIZATION..... None known.  
CARCINOGENICITY..... None known.  
REPRODUCTIVE TOXICITY.. None known.  
TERATOGENICITY..... None known.  
MUTAGENICITY..... None known.

### SECTION 12 - ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA..... Not available.

### SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... No special requirements.  
INFORMATION

### SECTION 14 - TRANSPORTATION INFORMATION

US DOT INFORMATION..... Please refer to the Bill of Lading/receiving documents for  
up-to-date shipping information.  
CANADIAN SHIPPING NAME. WINDEX® - VINEGAR GLASS CLEANER  
TDG CLASSIFICATION..... Not applicable.  
PIN/NIP..... Not applicable.  
PACKING GROUP..... Not applicable.  
EXEMPTION NAME..... Not applicable.

### SECTION 15 - REGULATORY INFORMATION

WHMIS CLASSIFICATION... Not applicable.

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

All ingredients in this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

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----- SECTION 15 - REGULATORY INFORMATION (continued) -----

This product is not subject to the reporting requirements under California's Proposition 65.

----- SECTION 16 - OTHER INFORMATION -----

ADDITIONAL INFORMATION. Not applicable.

EPA REGISTRATION #..... Not applicable.

----- PREPARATION INFORMATION -----

PREPARED BY..... Manufacturer's Technical Support Department. Refer to page 1  
(Manufacturer) for contact information.

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any particular use and to comply with all Federal, State, Provincial and Local laws and  
regulations.

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